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APPLICATION NO	. F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/073,575		02/12/2002	Lewis Lee Knox		5964
24212	7590	03/05/2004		EXAMI	NER
OUR PAI	. ASIJA		ALLEN, ANDRE J		
ASIJA HOUSE 7 WOONSOCKET AVENUE				ART UNIT	PAPER NUMBER
SHELTON, CT 06484-5536				2855	

DATE MAILED: 03/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
	10/073,575	KNOX ET AL.				
Office Action Summary	Examiner	Art Unit				
	Andre J. Allen	2855				
The MAILING DATE of this communication of Period for Reply	appears on the cover sheet with	the correspondence address				
A SHORTENED STATUTORY PERIOD FOR REITHE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a lif NO period for reply is specified above, the maximum statutory per Failure to reply within the set or extended period for reply will, by state Any reply received by the Office later than three months after the material patent term adjustment. See 37 CFR 1.704(b).	N. 1.136(a). In no event, however, may a reply reply within the statutory minimum of thirty (3 iod will apply and will expire SIX (6) MONTH: atute, cause the application to become ABAN	by be timely filed O) days will be considered timely. S from the mailing date of this communication. DONED (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on pe	et. filed 4-14-03.					
,						
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims						
4) ☐ Claim(s) 1-10 is/are pending in the applicate 4a) Of the above claim(s) is/are without 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-10 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and	drawn from consideration.					
Application Papers						
9) The specification is objected to by the Exam 10) The drawing(s) filed on is/are: a) a Applicant may not request that any objection to the Replacement drawing sheet(s) including the con 11) The oath or declaration is objected to by the	accepted or b) objected to by the drawing(s) be held in abeyance rection is required if the drawing(s)	. See 37 CFR 1.85(a). is objected to. See 37 CFR 1.121(d).				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of: 1. Certified copies of the priority docum 2. Certified copies of the priority docum 3. Copies of the certified copies of the papplication from the International Bur * See the attached detailed Office action for a	ents have been received. ents have been received in Apportionity documents have been re reau (PCT Rule 17.2(a)).	lication No ceived in this National Stage				
Attachment(s)	∆ □	omany (PTO 413)				
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB. Paper No(s)/Mail Date 	Paper No(s)/N	nmary (PTO-413) //ail Date rmal Patent Application (PTO-152)				

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:
 A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,2,5-10 is rejected under 35 U.S.C. 102(b) as being anticipated by Hattori.

Regarding claims 1,5-8 Hattori teaches a piston mounted magnet 14 in cylinder mounted on the inside wall of each tire of said transport vehicle (fig. 2); a permanent magnet 12a-12b mounted perpendicular to said piston mounted magnet and mounted inside each said tire of said transport vehicle (col. 6 lines 58-68);

a transducer 1 mounted on each rim of each said tire of said transport vehicle; and an electronics module (fig. 18) mounted in said transport vehicle and connected to each said transducer by at least one electrical conductor (fig. 1).

Regarding claim 2 Hattori teaches a electronics module comprising a micro-Controller 32 and a dlplay 33. Application/Control Number: 10/073,575 Page 3

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Regarding claims 9 and 10 Hattori teaches mounting at least one magnet 14 on the inside wall of each tire 2 of said transport vehicle;

- b) mounting a sensor 1 on the rim of each said tire of said tranport vehicle;
- c) transducing 71 the output of said sensor into electrical pulses;
- d) communicating said pulses to an electronics module through at least one electrical conductor 73;
- e) computing 32 tire pressure value as a function of said pulses; and displaying 33 said tire pressure value for each said tire.

 a micro-controller 32 programmed to calculate said tire pressure value as a function of said pulses.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over .

Hattori.

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Regarding claim 3 Hattori teaches the transport vehicle to be a automobile and the module to be located under the driver seat (col. 11 lines 41-42). Hattori et al does not teach the module to be located in the passenger compartment. However, it would have been obvious one having ordinary skill in the art of tire monitoring devices to modify the device taught by Hattori with a mounting location of the electronics module within the passenger compartment for the purpose of providing a close proximity of the module to the driver which allows for convenient access to the said module for tire monitoring.

Regarding claim 4 Hattori does not teach the vehicle to be an aircraft.

However it would have been obvious to one having ordinary skill in the art to modify this device to be compatible with any type of vehicle having at least one tire containing an air pressure, since the functionality of this device is to inform a driver of tire information which would clearly suggest any vehicle readily available to the public.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US patents 4163208, 5526861, 66477771, 5130694 and 5814725 all teach magnetic tire pressure monitoring apparatus's.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andre J. Allen whose telephone number is 571-272-2174. The examiner can normally be reached on mon-fri 8:00-4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Lefkowitz can be reached on 571-272-2180. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A.J.A Art Unit 2855

EDWARD LEFKOWITZ
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800